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THE STORY OF
THE HAMILTON HEALTH ASSOCIATION
FOR 1921

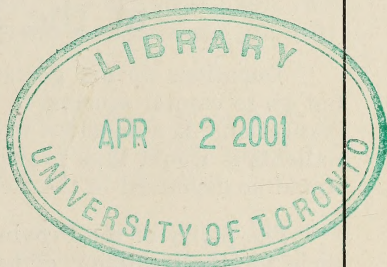


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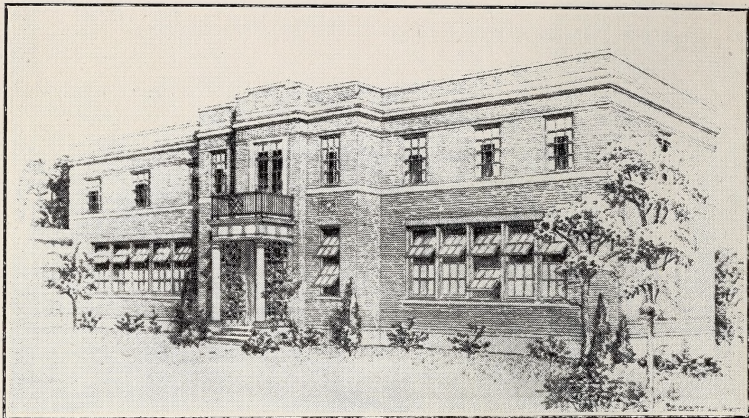
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THE STORY OF
THE HAMILTON
HEALTH ASSOCIATION

Operating and Supporting
The Mountain Sanatorium



Seventeenth Annual Report
1921



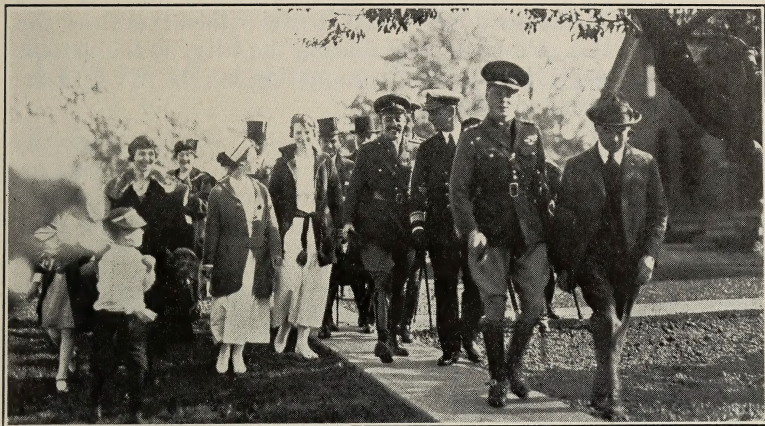
Architect's drawing of the new Administration building for the Preventorium, erected through the generosity of and as a memorial to the late Mr. John A. Bruce.

How Patients are Maintained at the Sanatorium

Donations do not go towards the maintenance of patients but go to capital account to increase the accommodation in the institution. If a donation were to go towards the maintenance of patients it would thus provide no permanent improvement, but would be disbursed in the meeting of operating expenses.

The policy of the Province of Ontario with regard to Sanatoria for the treatment of tuberculosis provides that if a municipality or association establishes an institution the maintenance of the patients will be taken care of by

1. A provincial grant now fixed at 75 cents per day.
2. A municipal grant not to exceed \$1.50 per day.



**H.R.H. The Prince of Wales visits the San, Oct. 19th, 1920.
Starting his trip of inspection**

- (a) If the patient can pay \$1.50 per day no grant from a municipality is asked for, and whatever lesser rate the patient can pay decreases the municipal grant by that amount.
- (b) Because of by-laws passed by the City in favor of the Sanatorium, the City rate at present paid for indigent patients is fixed at \$1.20 per day.
- (c) Municipalities that have not made a grant towards the capital account of a Sanatorium are expected to pay the rate of \$1.50 per day in order to more nearly cover the full cost, less the provincial grant.

To secure admission, a patient living in the City of Hamilton who cannot pay the rate of \$1.20 per day, will secure from one of the members of our Dispensary staff a letter to the Relief

Officer, stating that he or she has tuberculosis and requires Sanatorium treatment. The Relief Officer then requires the confirmation of a physician representing the City, so the patient is sent to the City Hospital for examination by Dr. W. F. Langrill or one of his assistants.

The patient then returns to the Relief Office where the matter of the City's liability, based on residence of the patient, is determined, and the amount of the City's assistance is decided. The patient is then given a City order for admission to the Sanatorium.

The policy of the City has always been to show extreme consideration for tuberculous patients. The officials realize that the treatment is necessarily of long duration and that when patients have dependants, they too will suffer, and must be provided for, and that also the patient when cured will have a lessened earning capacity and will have to live carefully.

The City cannot accept applicants who cannot comply with the residence rule, which states that the patient must have lived in the city for one year, before the City will accept liability. This rule was found necessary to prevent people from any part of the Province taking rooms for a short time in the City and then demanding treatment as indigent citizens.

Up to the present, insufficient assistance to rural patients has been granted by the municipalities to which they belong, and if effective work in the prevention of tuberculosis in rural Ontario is to be accomplished, it will be necessary for the rural municipalities to show greater consideration for their patients when treatment is required. With a view to overcoming this unfortunate state of affairs, it has been decided that the case of every rural tuberculous patient will be referred to the Reeve or Clerk of the township in which he or she resides and a guarantee of the maintenance cost of one dollar and fifty cents per day will be required from the proper official of the municipality in all cases, the rate, if any, to be paid by the patient, to be a matter for settlement between the patient or his friends and the official of the municipality.

Population and Mortality from Tuberculosis in the City of Hamilton

Year	Population	Mortality Pulmonary Consumption	Mortality Surgical Tuberculosis
1905—1906	59,543	70	5
1910—1911	73,542	53	15
1917—1918	107,832	54	18
1919—1920	115,000	46	10
1920—1921	118,000	54	17



Annual Report of the President

Mr. J. J. Evel

Ladies and Gentlemen:

Your directors have much pleasure in presenting their seventeenth annual report, to point to some of the salient features of progress during the year, to review the past and to offer a few suggestions for the future.

The Nurses' Home, mentioned in our last report and donated by Mr. W. D. Long and Mrs. Bisby, is completed and has been beautifully furnished through the efforts of Mrs. Dr. George Rennie, Mrs. Southam and our late lamented friend, Mrs. Van Allen, assisted by Mr. J. H. Waddie and the members of the Ladies' Board. To these and to those who so generously responded to their appeals, the thanks of this meeting are due. By their service and philanthropy they have absolutely changed the conditions under which our nurses lived.

The Nurses' Home at the civilian San. has been equipped with hot water heating, with hardwood floors throughout and has been completely renovated within. In this also the Ladies' Board has assisted materially.

The Men's Pavilion, with dressing room, etc., has been extended to provide additional accommodation for fifteen extra beds, which should avoid the possibility of a waiting list for some time to come. This work has been executed by our own workmen under the direction of our manager and secretary, Mr. Alex Moreland, and the cost of furnishing this new ward, some \$1,500.00, has been assumed by the St. Cecilia Chapter, I.O.D.E.

The further extension of the Preventorium for boys, to take care of the Helio-Therapy treatment, has been completed and stands to the credit of Acacia Lodge No. 61, G.R.C.A., A.F. & A. M., who contributed \$1,500.00, and to the Dundas Woven's Patriotic League, who also contributed \$1,500.00 toward it.

The St. Elizabeth Chapter, I.O.D.E., in addition to their large yearly supply of linen, have expressed their willingness to furnish this ward, at a cost of about \$1,500.00.

Our new found friends, the Kiwanians, have given evidence of the faith that is in them by furnishing the South ward of the Preventorium or Helio-Therapy ward, and, what is very much appreciated, by frequent visits and their assured interest in this phase of the work so well begun.

THE NEW DISPENSARY

The city water supply has been extended to the new barn, the pasteurization plant and other buildings.

The purchase of the Rymal farm, consisting of 135 acres adjoining the Sanatorium grounds, at a cost of \$26,000.00, has been made possible by the conditions of the bequest of the Late John A Bruce, and has enabled us to add considerably to our herd of cattle, to enlarge the hennery and so to provide for the ever increasing demand for fresh eggs and poultry for the use of the patients.

While mentioning the farm, we are sorry to say that we have had considerable disappointment and difficulty in securing Government certified cattle and our experience points very clearly the lesson that parents should take every precaution about the kind of milk given to little children.

The principle cash contributions of the year are:

Shirley Jackson Bed	\$150.00
Estate of the Late F. H. Whitton....	850.00
Estate of the Late Miss Maud Hurd...	100.00
Beach Day Fete	1,000.00

Here we must mention the years of devoted service of the late Miss Hurd as a member of St. Elizabeth Chapter and her constant endeavor to make the children happy at Christmas time with their Christmas trees and entertainments.

It is with much regret that we have to record the passing from her earthly activities of our beloved co-worker, Mrs. E. Van Allen. Ever responsive to all that concerned the Institution and its inmates was Mrs. Van Allen, to whose wisdom and devotion during many years of service, we bear grateful testimony.

Mrs. Bisby, whose generous gift we mentioned in last year's report, has also passed from us, greatly lamented. "Long" and "Bisby" are names writ large in benefactions to the San and will stand in everlasting memory of true philanthropy.

The president of the Ladies' Board, Mrs. Dr. George Rennie, having expended unusual energy and given liberally of her means to the equipping and furnishing of the new Nurses' Home, and having completed that work with much credit to herself and all concerned, finding the duties as president more than could be continued, resigned, and has been constituted an Honorary Life Member of the Association.

Mrs. Rennie has been succeeded by Mrs. Harry Burkholder, who, characteristically, has entered actively into the oversight of this very important part of our work.

During the year Colonel W. H. Bruce has been added to the directorate and the adoption of this report will be considered as a confirmation of this action.

The major improvement under way is the Bruce Memorial Building—an extension to the Preventorium, with spacious dining room, class rooms, dental and examining rooms and living rooms for the assistants and doctors. We hope to have the building ready for occupation by May.

To enumerate all the improvements on the 270 acres of grounds would become tedious to you. Suffice it to say that, under the direction of Mr. W. A. Child, it looks as if, in a short time, the place will be a veritable flower garden village, as some 3,700 perennials and shrubs have been planted this year.

So much for the past. What is the outlook for the future?

Having accepted responsibility for the care of all forms of Tuberculosis, we find, as the years go by, that we are faced with an increasing number of patients for whom everything that can be done along the line of sanatorium treatment has been done. These patients will never be fit for discharge; they will always remain a menace to the public and particularly to the children of our city. Consequently these patients should always have institutional care. Work is not harmful to them, but overwork is. If we employ them at suitable work within the Institution they are classed by the city authorities as residents of the County, because they have taken up work in the township of Ancaster. Naturally Ancaster refuses to accept responsibility for them and consequently we are charged with their maintenance, should they break down again, as some of them are likely to do. Here is a question which calls for attention, and a clear understanding must be arrived at between the city and the San, from an economic point of view.

This leads us to the consideration of a larger and even more important proposition—the broad question of the after-care of discharged tuberculosis patients, who, from the nature of their trouble, cannot be expected ever to stand up in competition with perfectly sound, able bodied men. They leave the Institution; they cannot pick and choose; they accept any sort of work, no matter how unsuited to their condition it may be. Handicapped from the start, they frequently break down again and their new condition is even worse than their original one. This is a sad story but a cold fact. What is to be done in such a case? Is there any remedy for it? We think there is and although there may be difficulties to overcome, yet there are compensating advantages in the scheme under consideration by the ex-soldier patients at the Sanatorium.

They have secured an option on a farm near Ancaster, where it is hoped, if generously supported by the Government and citizens, arrangements can be made to establish homes for their families, where workshops, in which the mens' limitations are recognized may be provided and where, under medical oversight and mechanical instruction, these men will be taught to work out for themselves their status as citizens for the future.

It is no easy task to establish such an industrial colony for tuberculous men, yet it is indispensable for the civilians as for the ex-soldiers and if a group of public spirited citizens would undertake this task they will have solved the big difficulty remaining in the anti-tuberculosis campaign, namely, the criticism against Sanatorium treatment that the fruits of its labours are not sufficiently conserved, as evidenced by the fact that too many of our patients return again for treatment owing to the unfavorable conditions they have to meet in the outside world.

It is a source of satisfaction to see the ever increasing interest taken by various societies by their attendance at the Sanatorium, and the beneficial effect of such interest on the patients. The San is no longer a place of despair and gloom, but one of sunshine and cheer, as evidenced by the hopeful countenances of the patients.

In conclusion, and to paraphrase the lines of Kipling:

“Not as ladders from earth to Heaven,

“Not as witness to any creed

“But for faithful service, kindly given

“To suffering souls in their common need.”

we add our meed of thanks and appreciation to the medical and nursing staff of the Sanatorium and to you all and all our kind friends who have shown such fidelity and given of your time and means to make the Institution what it is, we offer our commendation and heartfelt thanks.

All of which is respectfully submitted for your consideration.

J. J. EVEL,
President, H. H. A.



The late Mrs. Bisby who, with her brother,
the late Mr. W. D. Long, donated the
funds for the New Nurses' Home
at The Brow.

Report of the Ladies' Board

Mrs. H. Burkholder

The Ladies' Board of the Hamilton Health Association have held nine regular meetings during the year 1921, of which Mrs. Rennie presided over six and Mrs. Burkholder three.

It was with regret that the Board received in August, Mrs. Rennie's resignation of the Presidency, which office she had so ably filled for two years. However, when Mrs. Burkholder was finally prevailed upon to fill the vacancy the Board knew that the work could be under no better guide.

In November, the Board sustained a great loss in the sudden death of Mrs. Van Allen, our Treasurer for many years, a most untiring and unselfish officer and one whose heart was in the work of the Sanatorium. Her daughter, Mrs. Luther Holton, has kindly consented to act in her place.

The report of Mrs. Jarvis will give some idea of the importance of the work at the Dispensary and her capable and kind help to many sufferers cannot be too deeply appreciated. The Miss Doolittle Fund and the Junior Health League make possible the supplying of milk and eggs and delicacies to tuberculous home patients.

On May 1st, the Hamilton Symphony Orchestra very kindly gave a Benefit Concert at the Lyric Theatre for the benefit of our Board.

In May the Board gave Dr. Holbrook \$25.00 for the purpose of buying text books for the nurses in training at the Orchard Sanatorium.

St. Elizabeth Chapter, which is always ready to respond to any call has furnished completely one of the double rooms in the new Nurses' Home.

On May 28th, the Annual Birthday Party of the Sanatorium was held and, as every year, the visitors and gifts were numerous. But this year will stand out as it was the formal opening of the new Nurses' Home, donated by the late Mrs. Bisby and Mr. W. D. Long. The building itself is very fine, and the ladies of the Board have left nothing undone that could add to the comfort of the nurses. The furnishings were all bought from a fund collected by the ladies from various citizens and firms of Hamilton, some individuals and firms furnishing one complete room.

During the year the Board received several donations from the Base-ball games played in the City Parks, for which we are very grateful.

The work the Board has on hand at present is the re-furnishing of the Nurses' Home at the Orchard Sanatorium, which we hope to be able to make as comfortable and cheerful as possible.

During the year the following letters of sympathy were written: Mrs. D. L. Wilson, Sir Adam Beck and Mrs. Luther Holton.

Respectfully submitted,

MARGARET BURKHOLDER,

President.

MARJORIE J. S. COYNE,

Secretary.



The Laboratory at The New Infirmary where Mr. Watson and his Assistants are studying the very latest methods in the diagnosis and treatment of Tuberculosis.

Report of Visiting Nurse Dealings with Tuberculosis

James Roberts, Esq., M.D.,
Medical Officer of Health.

Sir :

Below please find report from the down town Dispensary of the Sanatorium for the year ending September 30th, 1921.

During the past year no change has been made in the method of carrying on this most important branch of an anti-Tuberculosis Dispensary. Three clinics have been held each week—Monday, Wednesday and Friday afternoons, where patients suffering from any form of chest disease can be examined free of charge. Patients unable to afford a physician have been given an outline of treatment, medicine and supplies, as the case required.



The new Dental Room at the Preventorium—Dr. Stewart at work. This equipment was provided by the City Council.

1,274 patients were examined at this clinic; of this number 595 were new cases; 679 re-examinations were made; 221 patients came for medicine and advice. 598 supplies of paper handkerchiefs, sputum boxes and educational pamphlets have been given to patients under treatment in their own homes.

The visiting nurse made 1,690 calls during the year; of these 1,127 were return calls to patients under observation or supervision; 417 were to new homes, and 146 miscellaneous calls.

During this year the co-operation of those having public health and public welfare at heart has been very encouraging but more than this has been the encouragement from the co-operation of the people themselves without which almost nothing can be done along preventive lines.

It is right here where the visiting nurse is most important. Tuberculosis is a preventable disease and curable in practically every case, where treatment has been undertaken early in incipient form, and followed conscientiously by patients even moderately advanced.

A visiting nurse with sympathy and understanding to pass along any knowledge gained, an ever-present watchfulness, teaching the Gospel of caution, cleanliness, sunshine, fresh air and cheerfulness to those who are sick and to those who are well, proper feeding of children, proper rest and work, and play for the growing boys and girls. There is still need of continuous teaching along these lines in many homes to-day.

242 children were examined at our Dispensary; 59 were found to have active pulmonary tuberculosis; 52 incipient; 6 moderately advanced and one far advanced case. Of the remaining 183, many were found to be suffering from malnutrition. Practically all were below par physically, and in any case where a visit to the home revealed the lack of nourishment as the underlying cause, the Junior Health League have supplied from 1 to 2 quarts of milk daily, and it has been interesting to note the gain in weight and general improvement in a surprisingly short time.

\$95.00 has been withdrawn from the Miss Juliette Doolittle Fund to supply eggs and fruit to these children, and a few delicacies for patients confined to bed.

From the 1,274 examinations made, 151 persons were found to have active pulmonary tuberculosis. Incipient, male 12 and female 13; children 52. Moderately advanced, male 20, female 16 and children 6. Far advanced, male 25, female 16 and children 1.

113 patients were recommended for sanatorium treatment; 172 are suspected cases and have been under observation.

Owing to the lack of accommodation at the Sanatorium, there has been a waiting list of men, women and children all year.

Sources of reference to the Dispensary have been as follows:

Physicians237

School Nurses 61

Self or friends . . .290

Patients with positive sputum reported from City Laboratory, 86.

Expenditures for the upkeep of the Dispensary were \$29.87.

Money obtained from the sale of thermometers and medicine \$36.00.

Cash in box, \$9.78.

Balance from 1920, \$17.62. Leaving a balance on hand of \$34.03.

Respectfully submitted,

MRS. C. H. JARVIS.

Report of Junior Health League Mrs. W. J. Southam

The Annual Meeting of the Junior Health League was held on Monday afternoon, November 14th, at the home of Mrs. Howard Duffield. Mrs. Jack Moodie was in the chair. The following report of the year's work was read by Mrs. Duffield, Secretary.

During the year ending November 14, 1921, there had been nine monthly meetings, with an average attendance of 20 members. At present there were 73 active members of the club.

At the Christmas season the families in need of clothing were given flannels, shoes and outside clothes when necessary. Every member saw that each family had Christmas cheer and little extras.

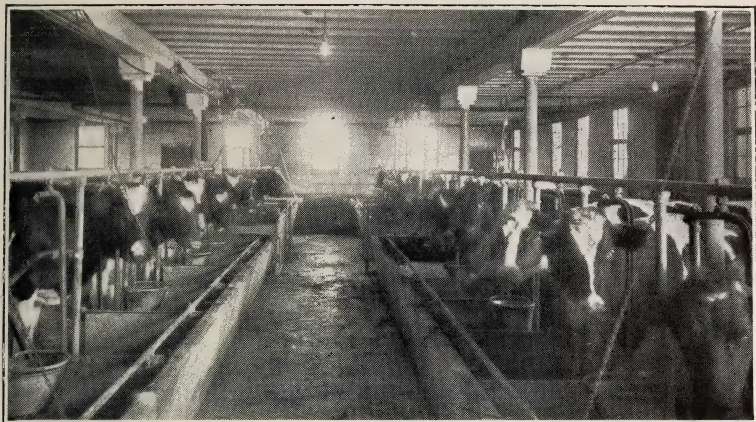


View of the New Administration Building, Preventorium (Bruce Memorial) under construction. This building will be completed to open at the Annual Birthday Party, May, 1922.

On January 20th the annual meeting of the Hamilton Health Association was held at the Royal Connaught Hotel, where Mrs. Jack Moodie gave a short report on the work being done by our club during the past year.

The Club held a dance on Easter Monday last, to raise funds for an Alpine lamp for the Sanatorium. The committee worked very hard and made the dance a great success. The net proceeds amounted to \$434.70.

On Sunday evening, April 10th, several members of the Club assisted at the Orphans' Benefit Entertainment in the Lyric Theatre, and later in the summer at the Sanatorium Birthday Party and opening of the nurses' new home there.



Tested Cows in the sanitary stable at the new Barn. These cows are under the supervision of the Dominion Department of Agriculture.

On Friday 15th, 16th and 17th a series of raffles were held through the kindness of the manager, Mr. A. W. Hamilton, at the Royal Connaught Hotel. The Club's funds were increased by \$320.26.

Two members visit the soldiers at the Sanatorium and the children at the Preventorium each week. A fund is set aside to take luxuries to them.

In February, the Junior League of America met in Montreal and invited our Club to send delegates to their Convention and to affiliate with their League. Miss Dorothy Henderson went to the Convention as representative of the Club. At a later meeting in May the Club decided unanimously not to join the Junior League at the present time.

On Tuesday, November 3rd, the annual bazaar was held at the home of Mrs. J. R. Moodie, who generously offered her home. It was a very successful bazaar at which \$1,078.55 was realized.

The Club wishes to thank their many kind friends who have taken such an active and kindly interest in the work during the past year."

Mrs. Gordon Powis, Treasurer, presented a satisfactory financial statement, showing last year's balance, \$1,422.22; receipts, \$2,049.05; balance on hand \$978.65.

Officers elected for the coming year were: Mrs. W. J. Southam, President; Miss Margaret Champ, Secretary; Mrs. Gordon Powis, Treasurer; Mrs. Jack Moodie, Miss Meta Bankier and Mrs. O. D. Peat, Executive.



Report of the Physician-in-Charge

J. H. Holbrook

Mr. Chairman, Ladies and Gentlemen:—

The medical report for this, the 17th year of the Mountain Sanatorium, and the 14th annual report that I have presented, will be to a great extent a continuation of that of last year, for in looking over last year's report, I find that most of the new lines of work that we have been engaged upon this year were then referred to either as work already started or as under consideration for introduction at an early date.

And while the institution has grown physically, as can be seen by a casual visit, it would have been a source of very great regret if we had been satisfied to stand still in so far as medical organization is concerned. The medical profession realizes to-day as never before that successful treatment must be based on accurate diagnosis. While Science has made wonderful advances in the last sixty years, dating from the impetus given by Darwin's "Origin of Species", in 1859, medicine too, which began as a collection of superstitions and dogmas, has gradually emerged from this state of darkness until to-day it takes its place as one of the sciences, not as exact as some of the others, but yet advancing with leaps and bounds, until to-day practically all that we value of medical knowledge has been a development of the last fifty years. As an instance of this, we have the discovery of the tubercle-bacillus in 1882, this marking probably the most important mile-stone in all the work of eradicating tuberculosis. From that time and especially during the last 20 years it is a remarkable fact "that nearly every important advance that has been made is prophylactic, that is, comes within the scope of preventing the occurrence, the recurrence, or the spread of disease."

So we can see that further advances in anti-tuberculosis work must be based on making this work so far as possible an exact science, and to this end we must strive continuously to



The Long and Bisby Home for Nurses, located at the Brow. A splendid modern building, complete in every detail.

improve our methods of diagnosis, for it is upon this that success in either prevention or treatment must be based. Accordingly it is a great pleasure for me to be able to tell you that our facilities for diagnosis have been greatly improved during the past year. For instance, in the Laboratory we are very proud of the work now being carried on by Mr. Watson and his staff and in this work he receives assistance and co-operation from the Laboratories of the City Hospital and of the Connaught Laboratories of Toronto Universities, with the result that he has been able to carry on considerable work in blood chemistry, including the complement fixation tests and the inhibitive reaction for antigens, which are only developed as a result of a tuberculous process within the body. We are not yet able to accurately estimate the value of these tests, but we have the satisfaction of knowing that we are gaining experience in a field that should yet render great assistance, in both diagnosis and treatment of this disease.



Living Room, Long and Bisby Nurses' Home, furnished by Mr. H. S. Waddie in memory of his brother who was killed while serving his country in the Great War.

The most interesting feature of the last National Tuberculosis Convention in New York (probably the best Convention held in America since Koch visited Washington to attend the National Tuberculosis Convention in 1908), was the stimulus given to research work, and the Association even went so far as to urge every Sanatorium to attempt some definite line of research work, in the hope of soon adding materially to our knowledge and our means of treatment.

In order to enable us not merely to carry on research work, but really to become familiar with the Laboratory and other scientific methods carried on regularly in all up-to-date Sanatoria, our Board about a year ago authorized sufficient additions to our medical staff to enable us to make a start along these lines, and I have no hesitation in saying to-day that the extra expenditures involved have been more than justified by results.

Two other departments included in the improvement of our facilities for diagnosis and treatment are the X-Ray and the Dental Departments, each of which has done very excellent work, and neither of which could be dispensed with in any well-run Sanatorium to-day. Dr. Morgan is in charge of the X-Ray Department and with the expert advice of Dr. Hess, he has this department very well organized. We are much in need of an auto-transformer before we can attempt any X-Ray treatments, so the X-Ray is only used to assist in the diagnosis of difficult chest cases and of various complications, the most interesting probably, being the diagnosis of infected teeth. Thus the two departments go hand in hand, and in studying the result of treatment we are convinced that their use has turned the tide in favor of several cases who otherwise would not have recovered. The reason for this we are convinced is due to the fact that the infective organism present in focal abscesses of teeth can be carried to diseased lungs, as well as to other parts of the body, thus adding to the tuberculous process another very unfavorable factor. With the removal of the source of the second factor it is very plain that the chance of controlling the original is materially increased.

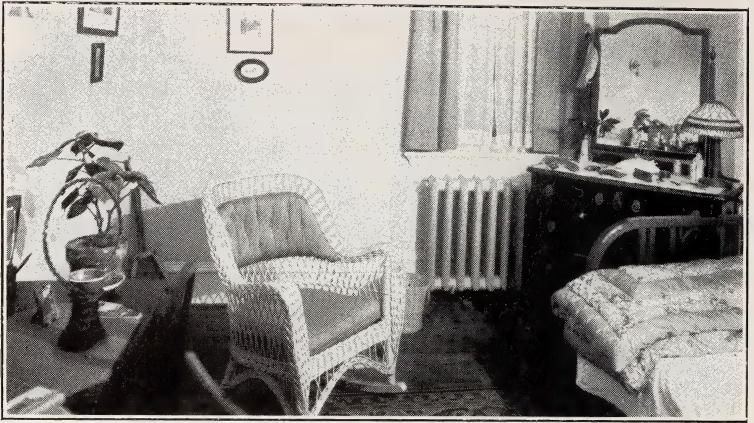
Just how great a factor infected teeth may be in the general health problem, and more particularly the tuberculosis problem, is hard to estimate, but among the poorer people decayed teeth are so prevalent and the facilities for their treatment are so inadequate that there can be no doubt but that the problem must be attacked from the public health standpoint in some comprehensive way. In a recent survey made by Dr. F. P. Moore, of 50 children at our Preventorium, only two children were found with normal teeth. Rather might we almost say that these two were abnormal when they were so greatly in the minority. The actual conditions were as follows:

No. of patients examined	50
No. of patients requiring dental treatment.....	48
Percentage of patients requiring dental treatment..	96
No of temporary extractions necessary	39
No. of temporary fillings required	57
No. of permanent extractions necessary.....	11
No. of permanent fillings required	103

Nearly every mouth requires one or more prophylactic treatment.

The Dental equipment donated by the City Council as stated in last year's report has now for some time been installed and we have had wonderful assistance from Dr. G. W. Everett and Dr. W. P. Thompson in the treatment of urgent conditions, but it must be apparent from this survey of only a part of the children now in residence, to say nothing of the adult civilians, that this work cannot be carried on as a philanthropy by these two busy men in their spare hours, and so it is the intention of our Board to very soon appeal to the City Council for funds with which to engage a permanent dentist for at least half time. Probably when the work is caught up with, one man could keep it up to date on half time work but undoubtedly if we include new arrivals, there is enough work in view at present to keep one man working steadily for the coming year.

There is no doubt that up to the present the soldiers have had a distinct advantage over our civilian patients through the efficient dental treatment they receive from Dr. T. Ingram. This indeed, is really one of the many ways in which we have gained valuable information through having soldiers under our care. With Government support it has been possible to carry out such schemes for the soldiers where with inadequate means provided by the Province for the care of civilians, it has been impossible to extend the service as we would like to do. Now, however, that we have come to realize the absolute necessity for such a service, it will have to be provided, and we feel sure that the City Council or some other City Agency will come to our assistance.



Room in Long and Bisby Home for Nurses, furnished by St. Elizabeth Chapter I.O.D.E.
in memory of Mrs. J. J. Evel.

The other big factor in the treatment of especially the children has to do with diseased tonsils and adenoids and we are very grateful to Dr. P. B. Macfarlane for his assistance in this work. He has not only given us his services repeatedly but during the year also made us the donation of an operating table on which to perform his work. We have also been enabled to call upon Drs. Mowbray and MacGregor for assistance several times during the year when perplexing surgical conditions arose, and it has been very re-assuring both to the staff and to the patients to have available these men of wide experience in other lines of medical and surgical work, whenever conditions arose with which we were less familiar in our daily routine.

The treatment of tuberculous children depending as it does upon rest and quiet, will always be a difficult matter, and we are coming more and more to realize the importance both of occupying the child's mind and of using this quiet period in the child's life to carry on his education. We have long had one teacher in



Sitting Room, Long and Bisby Nurses' Home, furnished through the generosity of Mrs. S. O. Greening.

the school room and were very grateful to the Board of Education for sending a second teacher for the children confined to bed throughout the whole day. Unfortunately they had no teacher available during this Fall term until late in November and conditions drifted back gradually to the unfortunate condition that formerly prevailed where treatment for these iller children was chiefly a matter of disciplining by the nurses. The objection to this method is that instead of calling out the interest of the child, it was chiefly a matter of restraint, and matters had again become very unsatisfactory, but it at least had this advantage when the second teacher was recently appointed that we had learned to fully appreciate the need for her assistance. It also led us to attempt a new venture, not fully worked out yet, but based on the "Boy Scout" and "Girl Guide" plan for healthy children. We are aiming to include the high ideals of these two organizations with the intimacy with Nature for which the school at the San is so well located, but having to avoid the activities

of Scouts and Guides, we plan to call our organization the "Boy Crusaders" and "Girl Crusaders". In it we believe that we have found a plan by which, instead of continually repressing the children we shall be able to call out higher ideals that will make for a nobler manhood and womanhood, and this with good health is the purpose of their treatment.

In the care of the children we have already had valuable assistance from members of the Junior Health League, and the Kiwanis Club, and last but not least from Mr. Roy Fenwick, who seems to be able to secure assistance whenever he needs it, whether from the choir of Central Presbyterian Church or from his friends with automobiles, or from some of the other sources on which he frequently calls.

In the matter of accommodation it has again been necessary to make extensions both for adults and for the children in order to avoid the necessity of delaying the admission of needy patients but these matters will be referred to in the President's address.

The one matter referred to in last year's report in which no headway seems to have been made has to do with the rural tuberculosis problem. Conditions here have certainly not improved and, while two or three municipalities surrounding the City are to be highly praised, yet apart from them, one of the most discouraging phases of this whole problem is the heartlessness of some of the statesmen from these townships, instances having arisen during the year where even the importunities of the widow and the orphan are of no avail if by chance it should add a fraction of a mill to the existing tax rate. However, there is a possibility, even here, that the coming year may see valuable developments and we look forward to the possibility of a better report for next year.

Though it was announced in last year's report that a new Health Centre was to be established in the Old Library building and that we would have our clinic accommodated in this building,

it was not until November 29th that the Clinic was moved to the new quarters. This marked the close of almost 14 years of work at the Dispensary at 67 Hess Street North and it is interesting to recall here that the Hess Street quarters were opened especially through the influence of Mrs. Crerar, who entertained Dr. Philip of Edinburgh in his tour through Canada after he had attended the Washington Conference at which Professor Koch also was present. Mrs. Crerar was convinced of the wisdom of Dr. Philip's advice that the Dispensary must be the centre of the Tuberculosis work, through which all other agencies were connected up, and undoubtedly her sound judgment in this and other matters pertaining to this work has meant much not only to Hamilton but to the other parts of Ontario that have adopted the local Sanatorium plan. It is to be hoped that the removal to the new Health Centre marks a similar advance in all the City's public health agencies, and if in its train it can bring about the introduction of a satisfactory system of medical inspection of schools, there is no doubt that a future of very valuable service to the community is in store for this particular agency.

In bringing my report to a close, I again wish to say that any success attained in our work is due to the kindly spirit of co-operation displayed by patients, employees, and staff within the institution and by the host of friends of the institution in the City and surrounding district. There is still much room for improvement in the service which we are rendering to the public through the Clinic and the San, for the staff and employees, and even the patients have human weaknesses. There can be no greater incentive towards better work on our part than the kindly interest of such organizations as the various chapters of the Daughters of the Empire, the City Churches, the Kiwanis Club, the Never Weary Club, and the many other public and private agencies interested in the welfare of our patients, and we try to



Hallway, Long and Bisby Home for Nurses. This building was beautifully furnished through the generosity of a group of Hamilton's public-spirited citizens.

impress upon staff and employees alike that any unkindliness on their part will of necessity be returned, not only upon themselves, but chiefly upon our patients, whose load, already too heavy, it is our duty not to add to, but to lighten.

In our experiences with anti-tuberculosis work nothing is truer than these words, quoted by the President of the Rotary Club this year at his inauguration :

“So many faiths, so many creeds,
So many paths that wind and wind,
While just the art of being kind
Is all this old world needs.”

Following are the statistical reports showing the year's work :—



One of our little Patients suffering from a Tuberculous Hip. Being treated by Extension and Heliotherapy.

Statistics of Civilian Patients

	Male	Female	Total
No. of Patients in residence, October 1, 1920.....	78	98	176
No. of Patients admitted to Sept. 30, 1921.....	115	74	189
	193	172	365
No. of Patients discharged during year	67	67	134
No. of Deaths during year	16	25	41
No. of Patients in residence, Sept. 30, 1921.....	110	80	190
	193	172	365
Collective day's stay of Patients.....	63,068		
Average days' stay of Patients	173		
Total bed capacity	186		



**Vocational Therapy,
Bedside Training at the Travellers' Shack, the Orchard San.**

Residence of Patients

	Male	Female	Total
From City of Hamilton	177	148	325
“ Dundas	5	3	8
“ Ancaster Township	2	1	3
“ Barton Township	2	2	4
“ Saltfleet Township	2	4	6
“ Beverley Township	1	1	2
“ West Flamboro Township	1	1	2
“ Other Counties in Ontario	2	11	13
“ East Flamboro	—	1	1
“ Clinton Township	1	—	1
Total	193	172	365



View showing Children confined to bed receiving instruction from the Bed-side Teacher recently appointed by the Hamilton Board of Education. Her appointment has been a great boon to these unfortunate children.

Nationality of Patients

	Male	Female	Total
Canada	112	120	232
England	41	30	71
Ireland	4	1	5
Scotland	10	10	20
United States	5	3	8
Other Countries	21	8	29
Total	193	172	365

Religion of Patients

	Male	Female	Total
Protestants	140	124	264
Roman Catholics	45	38	83
Other Religions	8	10	18
Total	193	172	365

Ages of Patients

	Male	Female	Total
5 to 9 years	32	34	66
10 to 14 years	25	24	49
15 to 19 years	15	17	32
20 to 24 years	15	26	41
25 to 29 years	25	22	47
30 to 34 years	17	18	35
35 to 39 years	16	17	33
40 to 44 years	10	7	17
45 to 49 years	10	4	14
50 to 54 years	11	1	11
55 to 59 years	7	2	9
60 to 64 years	3	1	4
65 to 69 years	4	0	4
70 to 74 years	3	0	3
<hr/>			
Total	193	172	365

Of the 176 discharged during the year, 83 were weighed on discharge; 3 lost an average of $3\frac{1}{2}$ pounds; 80 gained an average of 16.2 pounds. Largest individual gain $42\frac{1}{4}$ pounds.

Report of Children

	Male	Female	Total
No. of Children, 15 years and under in residence Oct. 1, 1920	19	30	49
No. of Children, 15 years and under admitted to September 30, 1921	36	30	66
<hr/>			
Total	55	60	115
<hr/>			
	Male	Female	Total
No. of Children, 15 years and under, discharged during the year	23	30	53
No. of Children, 15 years and under, in residence, September 30, 1921	32	30	62
<hr/>			
Total	55	60	115

Report of Condition on Discharge of Civilian Patients

Number discharged during the year	176
Number in residence less than 30 days and there- fore not reported upon	15
Number reported upon	161

	Apparently Arrested	Quiescent	Improved.	Unimproved	Died	Total
Incipient	26	2	23	3	0	54
Moderately Advanced	5	9	15	2	2	33
Far Advanced	2	1	16	3	42	64
Doubtfull Evidence and Non-Tuberculous.....	10	1	8	2	2	23
Total	43	13	62	10	46	174
Percentage	24	8	36	6	26	100

Number of Patients admitted for treatment since the establishment of the Sanatorium.

Up to September 30, 1906	30
October 1st, 1907, to September 30th, 1908	94
October 1st, 1908, to September 30th, 1909	111
October 1st, 1909, to September 30th, 1910	114
October 1st, 1910, to September 30th, 1911	139
October 1st, 1911, to September 30th, 1912	122
October 1st, 1912, to September 30th, 1913	134
October 1st, 1913, to September 30th, 1914	134
October 1st, 1914, to September 30th, 1915	165
October 1st, 1915, to September 30th, 1916	153
October 1st, 1916, to September 30th, 1917	215
October 1st, 1917, to September 30th, 1918	196
October 1st, 1918, to September 30th, 1919	170
October 1st, 1919, to September 30th, 1920	176
October 1st, 1920, to September 30th, 1921	199
Total	2,223

Of this number, 451 have been re-admitted patients, making the total individual number, 1,772.

Statistics of Military Patients 1920-21

No. of Patients in residence October 1st, 1920	110
No. of Patients admitted to September 30, 1921	191
Total	301

No of Patients discharged during year	165
No. of Deaths	18
No. of Patients in residence September 30, 1921	118

Total	301
Collective days' stay of Patients	41,958
Average days' stay of Patients	139.72
Dormitory capacity	144
Number of beds made up	144

Residence of Patients

From City of Hamilton	64
“ City of Toronto	138
“ Other parts of Ontario	77
“ Other Provinces	10
“ United States	11
“ Other Countries	1

Total	301
-------------	-----

Nationality of Patients

Canada	120
England	105
Ireland	17
Scotland	28
United States	21
Other Countries	10

Total	301
-------------	-----

Religion of Patients

Protestants	247
Roman Catholics	52
Other Denominations	2
Total	301

Report of Condition on Discharge of Military Patients

No. of Patients discharged during the year	183
No. of Patients in residence less than 30 days and therefore not reported upon	35
	148

	Apparently Arrested	Quiescent	Improved	Unimproved	Died	Total
Incipient	24	6	4	—	—	34
Moderately advanced	8	19	10	3	1	41
Far Advanced	—	13	13	14	13	53
Doubtful Evidence and Non-Tuberculous.....	1	3	15	1	—	20
	—	—	—	—	—	—
Total	33	41	42	18	14	148
	—	—	—	—	—	—

Percentage	22	28	28	12	10	100
No. of Patients admitted from June 12th, 1916 to Sept. 30, 1917..	262					
No. of “ “ “ “ Oct. 1st, 1917, to Sept. 30, 1918..	236					
No. of “ “ “ “ Oct. 1st, 1918, to Sept. 30, 1919..	258					
No. of “ “ “ “ Oct. 1st, 1919, to Sept. 30, 1920..	218					
No. of “ “ “ “ Oct. 1st, 1920 to Sept. 30, 1921..	191					

Total1,165

Report of Laboratory Work for 1921

Though greatly hampered for Laboratory space, the work has considerably increased and extended in the past year. Besides the regular routine tests of previous years, several special tests have been added where indicated, and a good start has been made in the important and ever-widening field of serology. As shown in the itemized report which follows, a total of 4,876 tests were made, this being an increase of 1,941 tests over the previous year.

We were fortunate in having more help than usual throughout most of the year, and fine work was accomplished by Mr. R. S. Truscott of Toronto University, in carrying out the preliminary work necessary for a foundation on which to build our tests in the future.

After much preliminary work such as the preparing of antigens, sensitizing of rabbits and getting such other animals as sheep and guinea pigs ready for use, and collection of sera, a start was made on the Wasserman re-action in April and in May the more difficult complement fixation test and the Caulfield Inhibitive re-action in tuberculosis were started. Only those who have worked with these latter re-actions can appreciate the technical difficulties encountered which tend to upset the reliable working of such delicate re-actions.

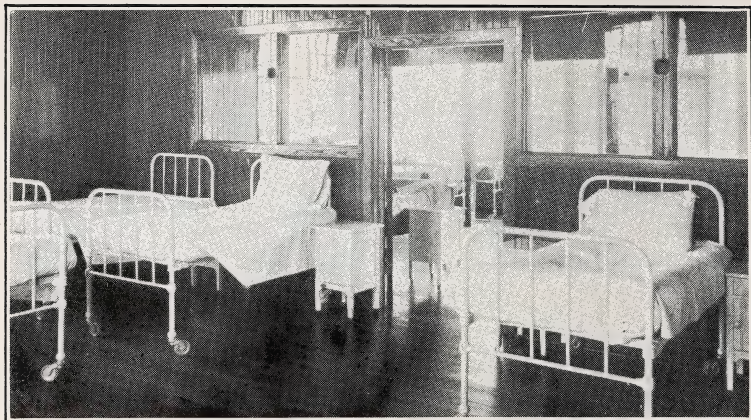
Aside from the technical difficulties of these re-actions it has been very difficult to interpret the tests so that they would bear out the clinical findings, but after a study of the recent work of Much and others, on antigens, we believe that we have found a method of interpreting the combined complement fixation and inhibitive re-actions, so that valuable information can be given the medical staff in nearly every case. We hope to verify these findings next year and do as much further work with fractional antigens as our limited space and equipment will permit.

We wish to gratefully acknowledge the valuable information and help given us from time to time by Dr. W. J. Deadman and his staff at the Hamilton General Hospital, and by Dr. A. H. W. Caulfield and staff of the Connaught Research Laboratory, Toronto University, whose complement fixation and inhibitive reaction technique we are using.

LABORATORY REPORT

During the year, Chemical Bacteriological and Serological tests were made as follows:—

Sputum examinations for tubercle-bacilli	2471
Special sputum tests for albumen, elastic fibers, etc.....	73
Sputum cultures and sub-cultures for tubercle-bacilli	50
Urine examinations (Chemical and Microscopic)	680
Special Urine Tests (Chemical)	16
Feces examinations	5



An addition to the Preventorium built by Acacia Lodge, A.F.&A.M. and Women's Patriotic League of Dundas. Furnished by the Kiwanis Club which is taking an active interest in the boys in this Ward.

Kidney Function Tests	23
Special Smears and Tests.....	15
Bacterial Cultures from pus, sputum, throats, milk, pleural fluid, etc.	56
Chemical examination of milk	20
Animal inoculations, milk, pleural fluid, etc.	7
Tuberculin tests (Intracutaneous)	54
Stomach Contents examined chemically	3
Blood Tests for:	
Hemoglobin	20
Corpuscle Counts	21
Leukocyte	21
Differential leukocyte counts	23
Arneth leukocyte counts ..	22
Coagulation test	1
Blood Cultures ..	4



Women at Dunedin Shack, occupied in Vocational work.

Serological Tests:

Wasserman re-actions	375
Complement fixation re-actions in tuberculosis	341
Inhibitive re-actions (Dr. A. H. Caulfield's)	280
Miscellaneous tests, using sheep, rabbits and guinea pigs.....	265
Preparing of antigens, etc. for serological work and skin tests.....	30

TOTAL.....4876

Respectfully submitted,

T. H. WATSON,

Bacteriologist.

Department of Radiology

Examinations made between Sept. 30, 1920 and Sept. 30, 1921.

Chest Examinations	315
Teeth	112
Gastro-intestinal	45
Other Examinations	130
<hr/>	
Total	602

Dental Report

The following is the Dental Report for the ex-soldiers who are patients at the Mountain Sanatorium, for the year 1921. This covers the period of time from October 1st, 1920 to October 1st, 1921:

Approximate Operations:

Examined	253
Treatments	465
Extractions	279
Dentures	55
Various fillings	614
Various other operations	454
<hr/>	
Total	2220

Total number of patients treated—291.

Financial Statement

Junior Health League

Receipts

Balance on hand, Dec. 31,	
1920	\$1,422.22
Members Fees	55.00
Receipts, Bazaar, /20...	36.90
Receipts, Dance	434.70
Receipts, Raffles	387.26
Receipts, Bazaar /21...	1,058.64
Donations	20.00
Interest on Bank a/c....	35.55
Sunday Receipts	21.00

\$3,471.27

Payments

Soldiers' Comforts	\$ 135.45
Preventorium	159.00
Milk and Groceries	1,101.20
Clothing	463.66
Raffle Expenses	48.50
Dance Expenses	38.23
Bazaar Expenses /21....	50.04
Alpine Lamp	455.00
General Expenses	41.54
Balance, Nov. 14th, 21.	
Cash on hand \$23.25	
Bank	955.40

978.65

\$3,471.27

Ladies' Auxilary

November 26th, 1921

1920		
Dec. 31	To Balance	\$ 576 10
1921		
April 1	To cheque, Mrs. U. Jones	5 00
May 4	To cheque, Symphony Orchestra	229 46
	To cash, Mrs. Harvey Concert	2 00
28	To cash, Birthday Party	169 50
	To cash, St. Elizabeth Chapter	50 00
	To cheque, Lady Gibson	10 00
July 1	To cheque, Mrs. Nesbit	10 00
20	To cheque, H. A. M. A.	245 33
26	To cheque, "	158 73
29	To cheque, Hamilton Beach Canal Soft Ball	111 81
Sept. 30	To cheque, Sr. City Soft Ball	25 00
Nov. 26	To cheque, Bank Int. (June 30)	11 12

\$1,604 05

1921

Jan.	29	By cheque, United Gas Co.	\$ 11 77
		By cheque, Electric Light	3 14
Feb.	22	By cheque, United Gas Co.	11 77
		By cheque, Electric Light	4 18
Mar.	29	By cheque, Electric Light	4 03
	31	By cheque, United Gas Co.	9 90
April	1	By Affiliation fee, Mrs. McLaine, Local Council.....	2 00
	2	By cheque, John Cannon	4 00
	27	By cheque, United Gas Co.	7 00
		By cheque, Electric Light	2 66
		By cheque, G. W. Robinson	20 00
May	1	By cheque, Stamped Cheque Book	1 00
	25	By cheque, United Gas	2 25
		By cheque, Electric Light	2 00
		By Cash Postage Stamps	1 00
	26	By cheque, Dr. Holbrook, Text Books	25 00
June	28	By cheque, United Gas	2 40
		By cheque, Electric Light	2 50
		By cheque, Miss McLean	10 00
July	28	By cheque, United Gas Co.	1 50
		By cheque, Electric Light	2 00
		By cheque, J. H. Aussem	14 45
		By cheque, A. G. Bain & Co.	9 15
Aug.	5	By cheque, G. W. Robinson Co.	7 82
		By cheque, United Gas	75
		By cheque, Electric Light	2 00
Sept.	29	By cheque, Electric Light	2 00
		By cheque, United Gas	75
Nov.	26	By Balance	1,437 03
			<hr/>
			\$1,604 05
			<hr/>

MARGARET BURKHOLDER,
President

Nurses' Home

1920

Dec.	3	To cheque, Mrs. Southam	\$ 756 96
		To cheque, Tuckett Co.	100 00
		To cheque, J. P. Bell	50 00
		To cheque, Robinson Bros.	10 00
		To cheque, Canadian Drawn Steel (Mr. Waddie)....	500 00
		To cheque, Mrs. S. O. Greening	300 00
		To cheque, Pure Milk Co.	200 00
		To cheque, Mr. Dalley	100 00
31		Bank Interest	7 67

1921

Jan.	6	To cheque, G. W. Robinson Co.	300 00
		To cheque, Hamilton Cotton Company	300 00
		To cheque, Spectator Printing Company	300 00
		To cheque, Banwell-Hoxie	25 00
		To cheque, Imperial Cotton Company	300 00
		To cheque, Canadian Westinghouse	300 00
		To cheque, W. A. Hamilton	600 00
		To cheque, Mr. and Mrs. Southam	300 00
		To cheque, Steel Company of Canada	500 00
		To cheque, J. M. Moodie & Sons	100 00
		To cheque, Stanley Mills Co.	100 00
		To cheque, Howell Litho Company	100 00
		To cheque, McClary Mfg. Co.	25 00
		To cheque, Miss Wilcox	300 00
		To cheque, Chipman-Holton Knitting Co.	300 00
		To cheque, W. E. Sanford Co.	300 00
		To cheque, Dr. and Mrs. Rennie	300 00
		To cheque, Mrs. C. S. Wilcox	250 00
		To cheque, Buntin-Gillies Company	100 00
		To cheque, Miss C. Moore and Mrs. Atkinson	100 00
		To cheque, Mrs. F. Simons	10 00
		To cheque, Mr. and Mrs. Gordon Henderson	300 00

	To cheque, Mr. Waddie	500 00
	To cheque, Mrs. F. Malloch	100 00
	To cheque, Corinthian Lodge	400 00
	To cheque, Col Hooper Chapter, I.O.D.E.	711 44
	To cheque, B. Greening Wire Co.	300 00
	To cheque, St. Elizabeth Chapter I.O.D.E.	300 00
	To cheque, Ionic Lodge No. 549, A.H.A.	350 00
Oct.	Cash, Blankets, Mrs. Rennie	15 00
	To cheque, Cash, Blankets, Mrs. V—.....	30 00
	To cheque, Bank Interest (June 30, 1921)	108 39
		<hr/>
		\$10,049 46
		<hr/>

1921

April	1	By cheque, Vickerman Bros.	\$ 131 25
May	31	By cheque, G. W. Robinson Co.	1,000 00
June	6	By cheque, W. D. Shambrook Co.	19 45
		By cheque, Arcade Co., Ltd.	10 00
		By cheque, Singer Sewing Machine Co.	94 90
		By cheque, McClary Co., Ltd.	77 65
		By cheque, Klein & Binkley	87 00
		By cheque, Benson Johnston Co.	34 30
	9	By cheque, Mrs. Clark	12 50
		By cheque, Barnard Stamp & Stencil Co.	141 63
	13	By cheque, G. W. Robinson Co.	1,845 92
		By cheque, Thos. Anderson	424 49
		By cheque, A. M. Souter & Co:	2,220 60
		By cheque, Thos. C. Watkins	817 27
		By cheque, Stanley Mills Co.	100 71
		By cheque, R. McKay Co.	782 55
		By cheque, W. T. McDougall Co., Ltd.	22 23
		By cheque, G. D. Membership & Son	377 77
	14	By cheque, Gordon McKay & Co.	272 70
		By cheque, Metropolitan Fur Co.	332 00
		By cheque, Beaver Soap Co.	74 10
		By cheque, Ontario Plate Glass Co.	210 12

		By cheque, Wood, Alexander & James	83 13
18		By cheque, Kent, Garvin Co.	66 72
		By cheque, Robt. Duncan Co.	6 60
		By cheque, John Connon & Co.	8 00
		Hamilton Leather Goods Co.	21 25
		By cheque, John Lennox & Co.	17 50
Aug.	28	By cheque, J. M. Thompson	66 00
		By cheque, Vickerman Bros.	244 95
	2	By cheque, Hamilton Pleating Co.	6 00
		By cheque, A. M. Souther & Co.	144 00
	5	By cheque, Ward Aids, San.	37 35
		By cheque, W. T. McDougall	2 00
	27	By cheque, Ontario Plate Glass	5 15
Nov.	26	By Balance	251 67
		Cash in Bank	206 67
		On Hand	45 00
			<hr/>
			\$10,049 46
			<hr/>

MARGARET BURKHOLDER,
President.

M. A. HOLTON,
Treasurer

AUDITOR'S REPORT, 1921

January 10th, 1922.

To the President and Directors,
Hamilton Health Association,
City.

Gentlemen:

We have audited the Accounts of the Association for the year ending September 30th, 1921 and submit Balance Sheet as at the latter date and Maintenance Account for the year, with our Report on the audit as follows:

BALANCE SHEET

CAPITAL ASSETS \$564,452.72.

These Assets are increased during the year by \$168,002.-26 as shown in the following Summary which shows this expenditure for the year as well as the total expenditure to date:

	This Year		Total Expenditure	
	San	Infirmary	San	Infirmary
Land	\$ 26,862 26	.....	\$ 48,326 24	.....
Buildings ...	13,633 25	\$109,852 77	127,394 49	\$266,069 87
Furniture ...	1,960 10	10,326 06	16,213 82	40,598 69
Medical & Dental Equipment	2,500 00	.....	2,748 38	.....
Laundry ....	.....	.....	15,718 33	.....
Plumbing, Sewerage, Water etc.	.....	.....	22,511 40	3,506 84
Fire Equipment	.....	.....	1,141 57	.....
Auto Equipment	2,268 50	.....	3,310 00	.....
Farm & Stable Equipment	2,500 00	.....	2,748 38	502 82
Live Stock ...	341 00	.....	6,636 00	.....
Hess St. Dispensary & Equip't	.....	.....	3,788 73	.....
	\$ 47,823 43	\$120,178 83	\$253,774 50	\$310,678 22

The expenditure on Land includes the purchase of the New Farm for \$26,000.00 on which there is a mortgage of \$16,000.00 and \$862.26 expended on Fences and Walks.

As shown above there has been a large expenditure on Buildings during the year, \$13,633.25 on the Orchard Sanatorium including two additions to the Preventorium, heating system in the Nurses' Home and \$2,748.64 on Farm Buildings including the completion of a new barn partly built the previous year.

The Infirmary Building expenditure of \$109,852.71 includes the new Nurses' Home, a double house, frame garage, etc. not completed at the close of the year.

The expenditure on Furniture includes furinshings for the new Nurses' Home donated by the Women's Board, and the increase in Medical Equipment is Dental Equipment donated by the City.

A new Auto Truck purchased for \$3,310.00 in July replaces the old one which realized \$600.00, the loss of \$441.50 on the sale of the old one being written off by charging the Reserve for Depreciation.

While expenditure on Farm and Stable Equipment during the year is \$981.19, the reduction in the stock of Poultry makes the nett increase in this Asset \$258.32.

The expenditure on Live Stock during the year is \$3,997.00 less \$1,935.90 allowed for a number of cattle which had to be killed on account of disease and a loss through this cause of \$1,720.10, making the nett increase in accordance with Inventory furnished us, \$341.00 for the year.

DEPRECIATION RESERVE \$68,043.39.

Last year's Reserve is reduced by writing off the loss on the old Auto Truck, \$441.50, and increased by the Depreciation for the current year of \$14,400.00.

The continuous increase in growth of the Association increases the maintenance cost of providing for sufficient depreciation on the Buildings and Equipment. The total Reserve being 12% of the Capital Expenditure shows that the depreciation provision is rather too low than too high.

INVESTMENTS \$8,610.00.

These Investments consisting of Hamilton Cataract Power Company Bonds, \$5,000.00, and Bonds and Stock of Steel Company of Canada are unchanged during the year and we have examined these Securities for the purpose of our audit.

ACCOUNTS RECEIVABLE \$67,355.71.

The amounts as detailed on the Balance Sheet making up this Asset were verified by us, and the amount shown as due by the Military Hospitals Commission includes in addition to the amount earned the loss on Maintenance of \$19,397.-28, payable by the Commission.

CASH \$2,393.99.

A Special Bank Account with \$166.73 certified by a certificate from the Molsons Bank and Cash not deposited at September 30th with Petty Cash Accounts at the Orchard Sanatorium and the Infirmary make up this amount, of which a large proportion was deposited in the Bank early in October.

STORES, ETC. \$9,307.55.

We have been furnished by Mr. Moreland with an Inventory making up this amount on hand at the close of the year, including Provisions, Medical Supplies, Coal, etc.

INSURANCE UNEXPIRED \$1,989.24.

We have carefully checked the unexpired portion of Insurance Premiums in force at the close of the year, making up this amount, which, besides Boiler, Accident, Pay Roll and

Auto Insurance, includes Fire Insurance covering Buildings and Contents carried of \$272,500.00 of which \$106,750.00 is on the Orchard Sanatorium, \$36,650.00 on the Farm, \$126,400.00 on the Infirmary and \$2,700.00 on the Dispensary.

Liabilities deducted from these Assets of \$74,485.21 as detailed on the Balance Sheet in addition to the Bank Overdraft, Accounts Payable and Juliet Doolittle Fund show a Mortgage of \$16,000.00 with Accrued Interest \$400.00 on the Farm purchased during the year.

Deducting these Liabilities leave the nett Capital at September 30th, 1921 of \$511,580.61.

The Association has been fortunate in receiving large bequests during the year which, with the proceeds from City Debentures, Furnishing of the New Nurses' Home donated by the Women's Board, Members' Fees and other Subscriptions make up \$165,650.16 received on account of Capital for the year.

Deducting from this the Sanatorium Maintenance Loss of \$12,867.75, which is considerably less than last year, the Dispensary cost which has no earnings, \$906.17, and the Farm loss accounted for by the loss in Cattle, \$1,449.81, takes \$15,223.73 off the year's Capital Receipts, leaving \$150,426.43 to add to last year's Capital Account.

MAINTENANCE ACCOUNT.

The year's Maintenance Account shows a total Revenue of \$226,691.13 to which should be added the Military Patients loss of \$19,397.28, payable by the Military Hospitals Commission.

The total Expenditure on Maintenance for the year of \$258,956.16 demonstrates the large growth which the Association has attained, and shows the great responsibility which de-

volves upon the Directors and Management of an Association which had a very small beginning not so many years ago.

The following comparative summary of this year and the year 1915 show the tremendous growth of the Association in six years:

	1921	1915	Increase
Capital Assets	\$564,452 72	\$ 99,855 54	\$464,597 18
Depreciation Reserve ..	68,043 39	3,562 49	64,480 90
	<hr/>	<hr/>	<hr/>
Other Assets	\$496,409 33	\$ 96,293 05	\$400,116 28
	89,656 49	29,065 77	60,590 72
	<hr/>	<hr/>	<hr/>
Liabilities	\$586,065 82	\$125,358 82	\$460,707 00
	74,485 21	15,480 11	59,005 10
	<hr/>	<hr/>	<hr/>
Nett Capital	\$511,580 61	\$109,878 71	\$401,701 90
	<hr/>	<hr/>	<hr/>
Maintenance Expenditure	\$258,956 16	\$ 37,580 41	\$221,375 75
" Income	246,088 41	35,316 95	210,771 46
	<hr/>	<hr/>	<hr/>
Loss	\$ 12,867 75	\$ 2,263 46	\$ 10,604 29

This comparison shows the tremendous growth of the Association which is accompanied with a corresponding increase in work and responsibility to all concerned, and this is also applicable to the many interested citizens who are so generously assisting this very important work in a financial way.

While the above Maintenance figures include Military Patients, even without these there is an increase of \$89,000.00 for Civilian Patients in the six years. Of all the Social Service institutions of the City, is there any that is more important to our welfare than the Hamilton Health Association?

Yours truly,

RICHARDSON, GOWANS & WATSON,
Per SINCLAIR G. RICHARDSON.

Hamilton Health Association Balance Sheet as at End Sept. 30th, 1921

ASSETS

ORCHARD SANATORIUM—Land, Buildings and Equipment accounts as detailed in report		\$253,774 50
INFIRMARY—Buildings, Furnishings, etc., as detailed in report		310,678 22
		<hr/>
		\$564,452 72
Less Depreciation Reserve		68,043 39
		<hr/>
		\$496,409 33
Investments		8,610 00
Accounts Receivable—		
Patients' Fees, less reserve	\$ 1,703 25	
Provincial Government	12,663 75	
City Corporation	9,722 18	
City Corporation, balance of debentures	6,831 05	
Military Hospitals Commission	36,435 48	
	<hr/>	\$ 67,355 71
Cash on hand and Special Bank account		2,393 99
Stores, Fuel and Supplies on hand		9,307 55
Insurance Unexpired		1,989 24
		<hr/>
		\$586,065 82
Less—C. E. Rymal Mortgage \$16,000.00,		
Interest \$400.00	\$ 16,400 00	
Bank Overdraft	23,367 16	
Accounts Payable	33,467 45	
Juliet Doolittle Fund	1,250 60	
	<hr/>	\$ 74,485 21
Nett Capital		<hr/>
		\$511,580 61

Capital Account September 30th, 1920\$361,154 18

Add—Legacies, J. A. Bruce Es-
tate account \$20,000.00;
Long Estate, \$37,500.00;
Bisby Estate, on account,
\$43,787.00\$101,287 00
Furnishings new Nurses'
Home donated by Women's
Board 9,797 79
Other Legacies and Dona-
tions, Members' Fees and
Subscriptions 22,610 61
On account, City Debentures 31,954 76

\$165,650 16

Less—Loss year ending Septem-
ber 30th, 1921, Mainte-
nance \$12,867.75; Dispens-
sary, \$906.17; Farm,
\$1,449.81 15,223 73

\$150,426 43

As above\$511,580 61

HAMILTON HEALTH ASSOCIATION MAINTENANCE ACCOUNT YEAR ENDING SEPTEMBER 30th, 1921

INCOME—	Total	Civilian	Military
Interest	\$ 261 71	\$ 261 71	\$
Patients' Fees	19,527 09	19,527 09	
City Grants	49,835 02	49,835 02	
Provincial Government ...	47,301 00	47,301 00	
Military Hospitals Com- mission	109,766 31		109,766 31
	<hr/>	<hr/>	<hr/>
Total Income	\$226,691 13	\$116,924 82	\$109,766 31

EXPENDITURES—

Wages and Salaries	\$ 80,932 48	\$ 29,587 13	\$ 51,345 35
Butcher Meat, Fish, etc. . .	31,675 59	12,714 83	18,960 76
Butter and Eggs	13,512 14	6,538 70	6,973 44
Flour, Bread, etc.	5,190 14	2,460 02	2,730 12
Groceries	15,829 86	4,352 94	11,476 92
Fruit and Vegetables	6,142 80	2,291 58	3,851 22
Milk	12,942 05	5,935 52	7,006 53
Fuel	16,162 43	6,120 31	10,042 12
House Supplies and Replace- ments	10,813 19	3,960 78	6,852 41
Ice	108 00	48 00	60 00
Laundry	8,731 42	3,484 46	5,246 96
Medical Supplies	8,461 27	3,020 87	5,440 40
Repairs	13,923 83	6,879 49	7,044 34
Water	1,529 60	764 80	764 80
Insurance	970 06	487 15	482 91
Interest	1,230 62	615 32	615 30
Power and Light	3,625 68	1,079 43	2,546 25
Printing, Stationery and General Expense	6,421 27	3,562 04	2,859 23
Stable Expense	3,568 98	1,614 78	1,954 20
Auto Expense	2,784 75	1,382 05	1,402 70
Depreciation	14,400 00	6,600 00	7,800 00
	<hr/>	<hr/>	<hr/>
	\$258,956 16	\$103,500 20	\$155,455 96
Transfer Civilian Patients in Infirmary		26,292 37	26,292 37
	<hr/>	<hr/>	<hr/>
	\$258,956 16	\$129,792 57	\$129,163 59
Loss payable by Military Hospitals Commission . .	19,397 28		19,397 28
	<hr/>	<hr/>	<hr/>
	\$239,558 88	\$129,792 57	\$109,766 31
Less, loss for year deducted from Capital	12,867 75	12,867 75	
	<hr/>	<hr/>	<hr/>
Balance per Revenue as above	\$226,691 13	\$116,924 82	\$109,766 31

Annual Meeting and Dinner Jan. 16 1922

The Seventeenth Annual Meeting of the Hamilton Health Association was held on Monday, Jan. 16th, 1922, at 6 p.m., in the Banquet Hall of the Royal Connaught Hotel. Mr. J. J. Evel, President of the Association, presided. A full account of his address will be found in this report.

Mrs. Harry Burkholder, President of the Ladies' Board, outlined the work of the past year and particularly emphasized the work being done through the dispensary.

Dr. Holbrook, whose address is printed elsewhere in this report, particularly emphasized the improved facilities of the Institute for diagnosis and the desirability of having a Dentist on half time at the Orchard Sanatorium.

Mrs. W. J. Southam presented the report of the Junior Health League and outlined the splendid work being done by this Branch of the Association.

Sir Adam Beck gave a very interesting address outlining the rapid progress that has been made in this work within the past ten years and told of the rapid growth of the Byron Sanatorium which has kept pace with this Institution, both places being now almost on a par as to accommodation and equipment.

Dr. Wodehouse, secretary of the Canadian Association for the prevention of Tuberculosis, outlined the scheme the Association now has under consideration of establishing Diagnostic clinics in rural districts.

On motion of Cyrus A. Birge, seconded by J. P. Bell, the Directors were re-elected for 1922. The new addition to the Directorate during the year was Col. W. H. Bruce. Sir John Gibson, proposed by Mr. Robert Hobson, was unanimously chosen honorary president.

Donations

DONATIONS FOR FURNISHING NURSES' HOME, NEW INFIRMARY

Ham. Amateur Baseball Assoc., 1920 games	\$ 356 96	Henderson, Mr. and Mrs. Gordon	300 00
Ham. Amateur Baseball Assoc., 1921 games	245 33	Greening Wire Co., B. St. Elizabeth Chapter, I.O.D.E.	300 00
Ham. Amateur Baseball Assoc., 1921 games	158 73	Wilcox, Mrs. C. H. Col. Hooper Chapter, I.O.D.E.	250 00
Ham. Amateur Baseball Assoc., 1921 games	111 81	Corinthian Lodge, A. F. & A.M.	711 44
Ham. Amateur Baseball Assoc., 1921 games	25 00	Pure Milk Co.	400 00
Waddie, H. J.	1,000 00	Ionic Lodge No. 459 A.H.A.	200 00
Steel Co. of Canada	500 00	Malloch, Mrs. F.	350 00
Greening, Mrs. S. O.	300 00	Aichison, Mrs. and Misses Moore	100 00
Robinson Co., G. W.	300 00	Buntin, Gillies & Co.	100 00
Ham. Cotton Co.	300 00	Dom. Steel & Metal Co., Ltd.	100 00
Spectator Ptg. Co.	300 00	Howell Lithographing Company	100 00
Imperial Cotton Co.	300 00	Mills Brothers	100 00
C a n. Westinghouse	300 00	Moodie & Sons, J. M.	100 00
Hamilton, W. A., New York	300 00	Dalley, Mrs. F. F., Sr.	100 00
Hamilton, F. M., New York	300 00	Tuckett Tobacco Co.	100 00
Southam, Mr. and Mrs. Wm.	300 00	Bell, J. P.	50 00
Grasselli Chem. Co.	300 00	Banwell, Hoxie Wire Fence Co.	25 00
Wilcox, Miss Chipman - Holton Knitting Co.	300 00	McClary Mfg. Co.	25 00
Sanford Mfg. Co. W. E.	300 00	Robinson Brothers	10 00
Rennie, Dr. and Mrs.	300 00	Simons, Mrs. F.	10 00

DONATIONS TO NEW INFIRMARY—1921

Mrs. Kiniry, flowers.
 Strabane Women's Institute, canned fruit.
 Soldiers' Comforts, Toronto, pyjamas, socks, playing cards.
 Dental Clinic, Mrs. Nelson Banks, socks.
 Mrs. Allison, Millgrove, Ont., socks.
 Delta Alpha Sunday School Class, Millgrove, canned fruit.
 Hamilton Christian Endeavour Union, records.
 Maud MacDonald Chapter, Brantford, ice cream and cake, individual parcels, fruit, candy.

Dufferin Rifle Chapter, Brantford, oranges.
 Brant Chapter, Brantford, candy.
 Paardeburg Hospital Committee, flowers.
 Dr. MacDonald, books.
 Mrs. Arthur Hatch, electric fans.
 Caxton Chapter for Jane Sutherland room, 12-inch fan.
 Central Presbyterian Church (Miss Hendrie), 6 cans jam.
 John Connon & Co., flowers.
 Mr. Jacques, cigarettes.
 Mrs. Dunn, books.
 Catholic Women's Guild, ice cream.
 West Flamboro Women's Institute, quilt.
 Mrs. Storms, 2 quilts.
 Brown Bros., 2 games croquet.
 Heroes Chapter, ice cream.
 Solomon & Stevens, watermelon.
 Wm. A. Davidson, Dundas, Ont., games.
 Church of Ascension, fruit.
 St. Thomas' Church, fruit.
 St. Peter's Sunday School, R. C. branch, ice cream.
 St. Michael's Church, fruit.
 Masons, flowers.
 Aged Women's Home, socks.
 Wood, Alexander & James, sheepskin mittens.
 R. K. Hope, oranges.
 Miss Cartwright, cut flowers.
 Georgian Chapter I.O.D.E., Beamsville, canned fruit.
 Meaford Women's Institute, canned fruit.
 Y.M.C.A., books.
 Wm. H. Cardwell, books.
 C. H. Wray, gramophone records.
 Mr. Geo. Allen, Rotarians, books.
 Caxton Chapter, records.
 Grafton & Co., candy.
 Mr. Lloyd Shelton, Erskine Church, records.
 Lee Ling, tea, chocolates.
 R. B. Hill, candy for employees, Christmas cake.
 Weekly gifts and visits, Junior Health League, Paardeburg Hospital
 Committee, Catholic Women's Guild.
 Christmas parcels to men from, Maud MacDonald Chapter, Brantford;
 Paardeburg Hospital Committee, Hamilton Knights of Columbus,
 Soldiers' Comfort Fund, Toronto.
 Heroes Chapter, dinner to patients.

Y.M.C.A., fruit, nuts, raisins, etc.

Paardeburg (Mrs. Hatch), 6 chairs.

Paardeburg Chapter, I.O.D.E., fruit and comfort to value of \$613.64.

CASH DONATIONS FOR NEW INFIRMARY

Tapleystown Literary Society	\$ 200 00
Great War Veterans' Association	35 00
Carlisle Women's Institute	159 29
Maude McDonald Chapter I.O.D.E.	10 50
Geo. Rae	2 00
Red Cross Society, pyjamas	497 49
Red Cross Society	382 51
Capt. Fred Humphreys	27 95
C. Leggat	25 00
Dufferin Rifles Chapter I.O.D.E.	25 00
Mrs. Lynch-Staunton	25 00
Ladies' Board, Hamilton Health Association	25 00
Mrs. W. Southam	50 00
Lient.-Col. B. O. Hooper Chapter, I.O.D.E.	10 00
Harry Crerar	25 00

DONATIONS TO ORCHARD SANATORIUM

From Oct. 1st, 1920 to Dec. 31st, 1921.

BOOKS AND MAGAZINE

Mrs. Archdale Wilson.
Mrs. Lynch Staunton.
Dr. Davey.
Josephine Magee.
W. H. Lovering.
Mrs. Campbell.
Harding Greenwood.
W. C. Brackenbridge.
Dr. O'Reilly.
Walter H. Cross.
R. McKay & Company.
Dr. A. E. Malloch.
Mr. Shaver.
Mrs. Southam.
C. W. Kerr.
Mrs. Kitson.
W. H. Nichols.
Paardeburg Chapter.

James Dunlop.
Mrs. Doolittle.
Sir John Gibson.
Mrs. Vansickle.
Mrs. Greening.
H. B. Witton.
Robert Duncan Company.
Mrs. Geo. Hope.
Miss Regina Maloney.
J. H. Cherriton.
Mrs. Isabel K. Lewis.
Miss Hendrie.
Miss V. E. Saunders.
Mrs. F. F. MacPherson.
Mr. Balfour.
Mrs. A. Levy.
Salvation Army.
Mr. Geo. Allan.

DONATIONS TO PREVENTORIUM

G. W. Robinson Co., Halloween decorations.

Junior Health League, cakes for children, ice cream, candy.

Mrs. Peter Cheeseman, fruit.

Central Presbyterian Church, fruit.

Mrs. T. I. Shields, fruit.

Miss Hendrie, fruit.

Central Presbyterian Children's Mission Band, books.

The Olivet Union Sunday School, fruit and toys.

Mr. Beckett, apples.

Barton Chapter Children of Empire, candies and clock.

John Brick, records.

St. Paul's Ladies' Aid, sewing.

Theo. Shireman, candies.

Billiken Club, oranges.

West Hamilton Institute, rubbers for children.

Mr. Gadsby, gramophone spring.

Spirella Corset agents, ice cream.

Miss Thompson, children's books.

Billiken Club, Alpine lamp.

Dr. McFarlane, operating table.

Lions Club, electric fans.

Mr. Jacques, oranges and chocolate bars.

Mrs. F. Darlow, toys and fruit.

Catholic Women's League, ice cream.

John Connon Company, flowers.

Miss Little, clothing.

F. Ambrose, pears.

St. Marks' Church, fruit.

MacNab St. Presbyterian Church, fruit.

Christ Church Cathedral, fruit.

First Methodist Church, vegetables.

Rotary Club, ice cream.

Mrs. W. S. Duffield, fruit.

Mr. McQueston, fruit.

Central Presbyterian Church, fruit.

Pathoscope Pictures, from choir of Central Presbyterian Church, for
three months.

A. G. Bain, shrubbery.

Hamilton Cotton Company, 1 bale raw cotton.

Mercury Mills Limited, underwear.

J. R. Moodie & Sons, underwear.

St. Elizabeth Chapter, flag pole

CHRISTMAS DONATIONS

Balfour, Smye, nuts, raisins, etc.

Col. Grafton, chocolates for nurses.

Mrs. T. H. Husband and Miss Magill, turkeys.

Charlton Ave. Methodist Church, toys, oranges and fruit.

Ancaster Women's Institute, presents for children.

Mrs. Wm. Carey, oranges.

E. T. Beckett, apples and pears.

Girls' Domestic Science Class, Caroline St. School, candy.

Miss Ridley, oranges.

Centenary Sunday School, candy.

Mr. and Mrs. Harold C. Feast, toys, etc.

H. H. Fearman, mincemeat.

Rev. G. F. Thompson, fruit, candy and cigars.

Christ Church Cathedral, toys.

Calvin Presbyterian Church, fruit.

Ancient Order of Foresters, fruit and candy.

Paardeburg Chapter, gifts for soldiers' children.

Holy Trinity Church, toys.

Glanford Church, toys.

Mr. and Mrs. R. L. Smith, toys.

St. Elizabeth Chapter, toys, candies and oranges.

Women's Liberal Club, woollen underwear, pyjamas and sweaters.

Roy Fenwick, toys.

R. K. Hope, fruit.

Sterling Rubber Co., balloons.

R. B. Hill, Christmas cake.

Invalid cushions, records, case oranges.

Lady Gibson, easy chair.

Aged Women's Home, socks.

Catholic Women's League, candy, cigarettes, etc.

Central Presbyterian Church, Children's Mission Band, scrap books.

Mrs. L. J. Holton, oranges.

J. E. Martin, fruit.

Mrs. Southam, curtains and lamp for Nurses' Home.

Mrs. Robert Hobson, mattresses.

Mrs. Morley Eager, presents for children.

Mrs. S. Balfour, toys.

Ancient Order of Foresters, oranges, candy, etc.

Miss A. Richardson, Centenary Methodist Church, presents for patients.

St. Andrew's Presbyterian Church, oranges, apples, etc.

Mr. Tyson, chocolates, books and calendar.

Mrs. Wm. Fraser, socks.

Erskine Junior and Intermediate Endeavor, scrap books and candy.
 L. R. Tobey, toys and candy.
 Miss Smith, Gospel Tabernacle, sleepers.
 Girls' Club, Congregational Church, toys and clothing.

CASH DONATIONS

P. D. Carse	\$ 250 00
Canadian Millers Fire Insurance Co.	50 00
Hiram Chapter R.A.M. No. 2	10 00
Kiwanis Club	1,000 00
Queen's Candian Military Hospital	214 92
A. G. Bain	25 00
Miss K. B. Kennedy	10 00
The Memorial Fund, Charlton Ave. Methodist Church.....	32 31
Sons of England Benefit Society	12 00
Mr. Tyson	5 00
Tuscan Lodge A.F. & A.M.	20 00
Harry Argeut, French Congo, West Africa	3 22
Roisusis Temple Noble Mystic Shrine, Toronto	15 00
J. Shirley Jackson	150 00
T. H. and B. baseball team	66 66
Mrs. Agnes A. Thompson, Lynden	10 00
Beach Day Fete	1,000 00
Ancient Order of Foresters	55 00
Catholic Women's League	35 00
Arcade, Limited	500 00
St. Andrews' Memorial Fund	45 10
St. Elizabeth Chapter	1,500 00
Mrs. Robert Hobson	160 00
J. Thibault	5 00
F. W. Hewgill	5 00
Lord Cavan	10 00
Charlton Ave. Methodist Church	70 00
Ladies' Board, books for nurses	25 00
Junior Red Cross Society	20 00
R. K. Hope	10 00

CHRISTMAS CASH DONATIONS

MacNab St. Sunday School Girls' Class	\$ 2 00
Normal School students	10 00
Ladies' Board	10 00
G. W. Robinson	50 00
G. W. Robinson Company	10 00
Ladies' Aid, Central Presbyterian Church	12 00

Mrs. A. B. Malloch	5 00
Mrs. E. H. Olmsted	5 00
T. H. Pratt & Co.	25 00
Mr. and Mrs. Geo. Park	10 00
Mrs. H. G. Snow	10 00
Mrs. Wanzer	10 00
Mr. and Mrs. Robert Hobson	25 00
Acacia Lodge A.F. & A.M.	20 00
Juliett E. Doolittle	25 00
Mrs. M. Carrick, Hagersville	5 00
Doric Lodge A.F. & A.M.	10 00
Electric Lodge A.F. & A.M.	10 00
Hamilton Grocers' Association	25 00
Brown, Boggs & Company	25 00
F. H. Wanzer	3 00

BEQUESTS

Estate of Miss Hurd	\$ 100 00
Estate of F. H. Witton	850 00
Estate of Dr. Peters	284 38
Estate of John A. Bruce	75,000 00
The late Mrs. Clydena A. Comfort Patterson, gramophone and records.	



Explanation of Membership in the Hamilton Health Association

The Hamilton Health Association is the citizens' organization which supports and operates the Mountain Sanatorium for the treatment of pulmonary tuberculosis, popularly known as "The San." The San owes its wonderful success and rapid development to the interest and generosity of the citizens of Hamilton. Probably there is not a single family in Hamilton whose members have not at some time contributed freely in aid of the San.

One of the most popular and practical ways of aiding this institution in its great work is to become a member of the Hamilton Health Association. In the following paragraphs we describe the different types of membership. Select that one best suited to your means, and determine that the San is an institution you can afford to support year after year. In making application for membership or in renewing your membership, kindly address all correspondence and mail checks to the Secretary, the Mountain Sanatorium, Hamilton.

ASSOCIATE MEMBERSHIP.

Annual fee \$5.00. An Associate Membership entitles you to all reports and admission to general meetings.

ACTIVE MEMBERSHIP.

Annual fee \$10.00. Such a membership enables you to take an active and helpful part in the San's war against the "White Plague." Every Active Member is a voting member as well as receiving all reports, admission to general meetings, etc.

SUSTAINING MEMBERSHIP.

Annual fee \$50.00. This offers the man and woman of means an opportunity to help the San in a substantial way. While the San receives aid from City and Government, it still depends largely on voluntary subscriptions. Since its beginning in 1906, the San has received over \$200,000 in subscriptions, otherwise it could not have developed to its present proportions and have carried on its work so effectively. Every "Sustaining Member" is a voting member, as well as receiving all reports, admission to general meetings, etc.

ANNUAL ENDOWMENT—BED.

\$438.00 endows a bed for a year. Most of the patients cannot afford to pay their way, and the City can only assist those who have lived in the city for the previous twelve months. Very often young men and women, virtually Hamilton citizens, but for whom the City may not hold itself responsible, apply for treatment. If treatment is delayed the chance of recovery in these cases may be lost, so the San cares for them free of charge. This presents an opportunity to well-to-do families or individuals, business houses, manufacturers, societies, clubs or fraternal organizations to give very real help to needy individuals.



Sustaining Members for 1921

Aitchison, W. J.
Ambrose, E. H.
Alexander, S. H.
Appelford Counter Check Book.
Arcade, Limited.
Balfour, St. Clair.
Barnard, Thos. H.
Ballentine, Miss C. L.
Barton Lodge, No. 6, A.F. & A.M.
Bird & Son, Limited.
Birge, Mr. and Mrs. C. A.
Burlington Steel Co.
Canadian Drawn Steel Co.
Canadian Steel & Wire Co.
Christie, T. B.
Carey, Mrs. M.
Chipman-Holton Knitting Co.
Child, W. A.
Culley & Breay.
Coppely, Geo. C.
Coppely, Noyes & Randall.
Davidson, James.
Doolittle, Chas. E.
Dalley, J. N.
Doolittle, Mrs. C. E.
Doolittle, C. M.
Dominion Sheet Metal Co.
Donaldson & Patterson.
Duff & Son, J.
Dunlop Co., James.
Dunlop, James.
Ferrie, Miss M.
Gartshore-Thomson Pipe Co.
Gauld, Mrs. J. G.
Gibson, Sir John M.
Glassco, A. M.
Grafton, Col. J. J.
Graham, C. W.
Greene, Mrs. J. J.
Greene, J. J.
Greening Wire Co., The B.

Hendrie, Mrs.
Hamilton, Mrs. F. Kent.
Hamilton Bridge Works.
Hamilton Cotton Co., Ltd.
Henderson, Mrs. Gordon.
Hobson, R.
Hobson, Mrs. Robt.
Holton, W. A.
Hope, R. K.
Hope, Mrs. Geo.
Hamilton, F. Kent.
Hope, George.
Imperial Cotton Co.
International Harvester Co.
James, G. F.
Kirk, Jas.
Laidlaw Bale Tie Co., The.
Lynch-Staunton, G. Hon. & Mrs.
Laking, Wm.
Lloyd, G. R.
Lucas, Mrs. R. A.
Long Lumber Company.
Lumsden Brothers.
Malloch, Mrs. Mary S.
McLaren, Mrs. R. J.
McClary Mfg. Co., The
Meakins & Sons.
Mercury Mills, Limited, The
Moodie, R. R.
Moodie, Mrs. R. R.
Moodie, James.
Moodie, Mrs. James.
Moodie, Mrs. J. R.
Moodie, Col. J. R.
Moodie, J. D.
Moodie, Mrs. J. D.
Moodie, Miss Jean.
Molsons Bank.
Murton Lodge of Perfection.
Patterson, A. S.

Patterson, Robert.
Penman, John
Powis, Alfred.
Robinson & Co., J. H.
Robinson, Mrs. G. W.
Sherman, C. W.
St. John's Lodge, A.F. & A.M.
Smith, Mr. and Mrs. R. L.
Stanley Mills & Company.
Smye, Fred.
Souter, D. A.
Souter, A. M.
Southam, Mr. and Mrs. Wm.
Taylor, Fred.

Tobey, L. R.
Temple Lodge, No. 324 G.R.C.
A.F. & A.M.
Thomson, P. A.
Viceroy Reading Lodge, No. 886.
Woods & Co., Walter.
Walton & Magee, Limited.
Watkins, Company, The Thos. C.
Westaway Co., Ltd., J. W.
Witton, H. B.
Whelan, J. P.
Wilcox, Miss E.
Wilson, Archdale.
Wilson, Mrs. Archdale.

List of Active Members 1921

Adam, Mr. Alex E.
Adams, Mr. A. A.
Aldous, Mr. and Mrs. J. E.
Alexander, Mr. P. H.
Alexander, Mrs. H. S.
Allan, Mr. J. G.
Allan, Mr. Thos.
Allen, Mr. R. S.
Allan, Mr. Geo.
Almas & Co., Messrs.
Allworth, Mr. R. M.
Ambrose, Mrs. E. H.
Ambrose, Mr. H. S.
Arkell, Mr. R. H.
Armstrong, Mrs. Wm.
Armstrong Cartage & Warehouse
Armstrong, Mr. J. D.
Avery, Mr. C. S.
Avery, Mrs. C. S.
Bagshaw, Dr. Elizabeth.
Bain, Mr. A. G.
Balfour, Mr. Walter.
Bale, Mr. J. Campbell.
Banwell, Hoxie Wire Fence Co.

Barker, Miss Frances E.
Barnard, Mrs. J. N.
Beasley, Mr. J. D.
Bell, Miss Madeline.
Johnston, Mr. Benson.
Bertram & Sons Co., Messrs. J.
Biggar, Mrs. S. D.
Blandford & Son, Messrs.
Blandford, Mr. W. E.
Booker, Mr. C. G.
Boyd, Mr. Norman J.
Braden, Mr. N. S.
Bredin, Mr. M., Jr.
Bremner, Mr. Chas.
Biggar, Mr. W. J.
Brown, Mrs. John E.
Brown, Mr. Harold B.
Bruce, Mr. Ralph R.
Bull, Mrs. C. E.
Burrill, Mr. Walter.
Burrow, Stewart & Milne, Messrs.
Burbidge, Mr. H. A.
Burkholder, Mr. Harry F.
Butler, Mrs. Richard.

Campbell, Mr. R. A.
 Canadian Patriotic Fund.
 Carter, Dr. Chas.
 Canada Steel Goods Co.
 Canadian Shovel & Tool Co.
 Carrol, Mr. Wm.
 Carpenter, Mr. Henry.
 Cartwright, Mr. C. H.
 Catholic Women's Guild.
 Champ, Mr. H. H.
 Clark, Mr. Norman.
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“Remember the San”

I give and bequeath to “The Hamilton Health Association,” incorporated, of Hamilton, in the Province of Ontario, incorporated under the laws of the said Province of Ontario on the 30th day of December, 1905, the sum of

.....
dollars: to have and possess the same unto the said “Hamilton Health Association,” for Anti-Tuberculosis work, its successors and assigns to the uses, disposition and benefit thereof forever.

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